

PHYSICAL
SCI. LIB.

TC

824

C2

A2

NO. 153:

67-70

CALIFORNIA. DEPT. OF WATER RESOURCES.
BULLETIN.



STATE OF CALIFORNIA

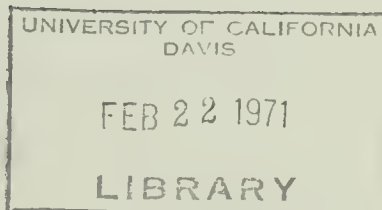
The Resources Agency

Department of Water Resources

BULLETIN No. 158-70

FLOOD CONTROL FUNDS

1970 Report to the Legislature



January 1971

NORMAN B. LIVERMORE, JR.
Secretary for Resources
The Resources Agency

RONALD REAGAN
Governor
State of California

WILLIAM R. GIANELLI
Director
Department of Water Resources

STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES
DIVISION OF RESOURCES DEVELOPMENT
**FLOOD CONTROL PROJECTS
ELIGIBLE FOR STATE ASSISTANCE**

JANUARY 1971

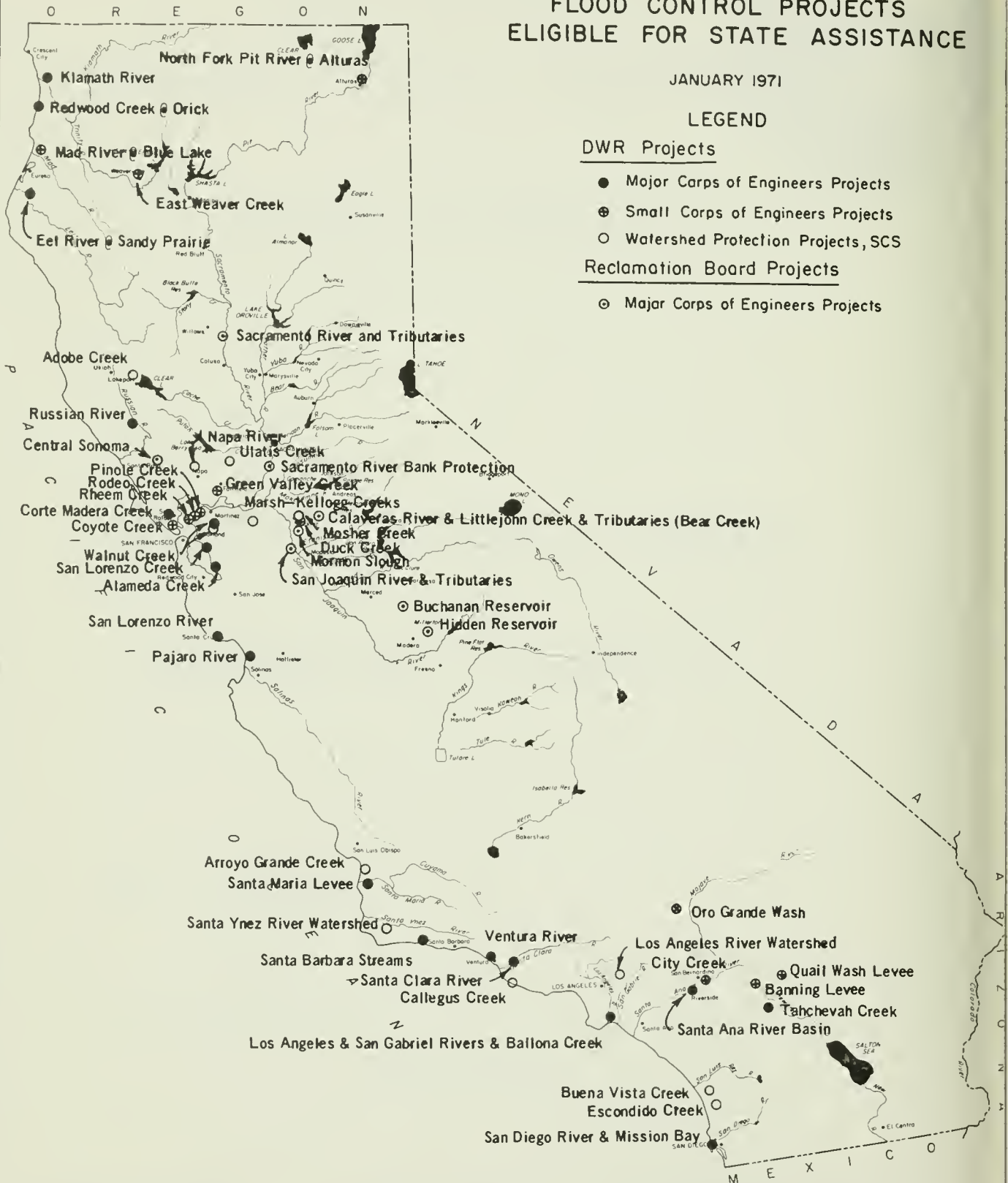
LEGEND

DWR Projects

- Major Corps of Engineers Projects
- ⊕ Small Corps of Engineers Projects
- Watershed Protection Projects, SCS

Reclamation Board Projects

- ⊙ Major Corps of Engineers Projects



EXPENDITURE OF FLOOD CONTROL FUNDS IN 1970

Bulletin No. 158-70 reports expenditure of state flood control funds from January 1 through December 31, 1970, by the Department of Water Resources and The Reclamation Board. Sections 12830 and 12875 of the California Water Code require that expenditure of such funds be reported by the 15th day of each regular session of the State Legislature. Expenditures made during the year for projects under the jurisdiction of the Department and the Board are presented separately in this report.

During 1970 the Department issued reallocation orders in a net amount of \$5,803,907.94. Expenditures by the Department since its program's inception in 1946 total \$122,380,000. The Reclamation Board expended \$3,199,557 in 1970. Expenditures by the Board since its program began in 1917 total \$99,295,385.

The State's policy of paying nonfederal rights-of-way and relocation costs for authorized federal flood control projects is stated in the State Water Resources Act of 1945, the Flood Control Law of 1946, and the California Watershed Protection and Flood Prevention Law. The Department of Water Resources reimburses local agencies for the costs of rights-of-way acquisition and relocations for major Corps of Engineers' projects lying outside the Central Valley and for small Corps' projects and watershed projects throughout California. The Reclamation Board acquires rights-of-way and performs relocations directly for major Corps of Engineers' projects lying within the Central Valley.

William R. Gianelli
 William R. Gianelli, Director
 Department of Water Resources
 The Resources Agency
 State of California
 January 8, 1971

Table 1. FLOOD CONTROL EXPENDITURES BY
 THE RECLAMATION BOARD

Projects	Amounts Expended in 1970	Total Amounts Expended Since 1917
Sacramento River and Tributaries Flood Control Project	\$1,418,036	\$51,703,632
San Joaquin River and Tributaries Flood Control Project		
Federal	425,961	7,725,099
State	131,526	24,514,429
Buchanan Reservoir	36,099	185,011
Hidden Reservoir	86,158	248,181
Calaveras River & Littlejohn Creek and Tributaries (Bear Creek)	-116,484 ⁽¹⁾	3,230,042
Mormon Slough Flood Control Project	145,378	3,341,708
Sacramento River Bank Protection	1,072,883	8,347,283
	<u>\$3,199,557</u>	<u>\$99,295,385</u>

(1) Represents reimbursement from U. S. Corps of Engineers due to excess of right-of-way costs over construction costs.

Table 2. REALLOCATION ORDERS ISSUED IN 1970
BY THE DEPARTMENT OF WATER RESOURCES

(1) Reallocation Orders			Project	Amount of Claim	Claim Number
Number	Date	Amount			
Northern District					
0-16	1-2-70	\$ 19,304.00	Klamath River	\$ 20,076.00	KR 69-1
0-17	1-26-70	41,457.50	Klamath River	49,002.50	KR 69-4
0-18	3-6-70	64,500.00	Klamath River	64,500.00	KR 70-1
0-19	4-27-70	17,228.60(2)	N. Fk. Pit Riv. at Alturas	10,884.60	SPNFP 69-6
0-20	5-25-70	56,270.00	Klamath River	56,270.00	KR 70-2
0-21	5-29-70	47,097.50	Klamath River	50,337.50	KR 69-3
0-22	5-29-70	21,618.08	Redwood Creek at Orick	28,265.66	RCO 69-2
0-23	5-27-70	65,900.00	Klamath River	65,900.00	KR 70-3
0-24	6-10-70	60,993.00	Klamath River	61,243.00	KR 70-4
0-25	6-22-70	18,530.00	Klamath River	18,530.00	KR 70-5
0-26	7-3-70	37,188.67	N. Fk. Pit Riv. at Alturas	37,188.67	SPNFP 70-2
0-27	7-10-70	12,204.06	N. Fk. Pit Riv. at Alturas	12,673.00	SPNFP 70-1
0-28	8-21-70	262.50(3)	N. Fk. Pit Riv. at Alturas	262.50	SPNFP 69-3
0-29	11-18-70	74,000.00	Klamath River	74,000.00	KR 70-6
Central District					
2-163	1-2-70	145,974.00	Alameda Creek	145,974.00	ACC 69-7
2-164	1-2-70	51,998.66	Central Sonoma Watershed	51,998.66	CSW 69-1
2-165	1-2-70	4.50	Rheem Creek	4.50	SPRHC Final
2-166	1-2-70	7,810.00	Corte Madera Creek	7,810.00	CMC 69-13
2-167	1-27-70	78,625.20	Alameda Creek	78,625.20	ACC 69-9
2-168	2-25-70	69,647.00	Alameda Creek	69,647.00	ACC 69-6
2-169	2-25-70	9,891.75	Corte Madera Creek	9,896.98	CMC 69-14
2-170	2-25-70	10,255.00	Corte Madera Creek	10,255.00	CMC 69-15
2-171	2-25-70	7,721.93	Corte Madera Creek	7,726.15	CMC 69-16
2-172	2-25-70	1,047.50	Ulatitis Creek Watershed	1,047.50	UCW 69-12
2-173	2-25-70	13,365.79	Ulatitis Creek Watershed	13,397.04	UCW 69-13
2-174	3-18-70	14,251.57	Walnut Creek Watershed	47,435.45	WCW 69-2
2-175	5-15-70	14,497.66	Corte Madera Creek	14,500.71	CMC 70-1
2-176	5-29-70	35,123.64	Ulatitis Creek Watershed	35,123.64	UCW 69-14
2-177	5-29-70	31,276.07	Ulatitis Creek Watershed	31,276.07	UCW 70-1
2-178	5-29-70	7,922.74	Ulatitis Creek Watershed	7,922.74	UCW 70-2
2-179	5-29-70	261,607.95	Walnut Creek	261,640.71	WCC 69-8
2-180	5-29-70	6,923.13	Alameda Creek	6,923.13	ACC 69-8
2-181	6-12-70	39,845.36	Corte Madera Creek	39,845.36	CMC 70-5
2-182	6-12-70	78,359.00	Corte Madera Creek	78,359.00	CMC 70-6
2-183	6-19-70	316,212.63	Walnut Creek	335,653.84	WCC 69-9
2-184	6-19-70	34,912.00	Central Sonoma Watershed	35,412.00	CSW 70-1
2-185	7-20-70	19,041.31	Corte Madera Creek	26,041.31	CMC 70-2
2-186	7-16-70	16,121.03	Corte Madera Creek	16,121.03	CMC 70-4
2-187	7-16-70	20,219.07	Ulatitis Creek Watershed	20,351.82	UCW 70-3
2-188	7-16-70	7,095.07	Ulatitis Creek Watershed	7,095.07	UCW 70-4
2-189	8-25-70	7,000.00(3)	Corte Madera Creek	7,000.00	CMC 69-1
2-190	8-26-70	31,876.62	Corte Madera Creek	31,915.62	CMC 70-3
2-191	8-26-70	2,400.00	Corte Madera Creek	2,400.00	CMC 70-7
2-192	8-31-70	7,084.60	Corte Madera Creek	9,962.75	CMC 70-8
2-193	8-31-70	5,000.00(3)	Marsh-Kellogg Watershed	5,000.00	MKW 67-3
2-194	8-27-70	4,442.56(3)	Marsh-Kellogg Watershed	4,442.56	MKW 69-1
2-195	8-31-70	130,573.46	Walnut Creek	137,099.54	WCC 69-10
2-196	8-27-70	9,611.00(3)	Marsh-Kellogg Watershed	9,611.00	MKW 66-1
2-197	8-31-70	56,826.81	Corte Madera Creek	56,826.81	CMC 70-11
2-198	9-10-70	7,473.65(3)	Walnut Creek	7,473.65	WCC 67-11
2-199	9-10-70	11,440.00(3)	Walnut Creek Watershed	11,440.00	WCW 69-2
2-200	9-28-70	25,135.65(2)	Corte Madera Creek	24,637.59	CMC 70-9
2-201	10-27-70	23,160.00	Ulatitis Creek Watershed	23,300.00	UCW 70-6

(1) Copies of orders are on file in the Department.

(2) Additional payment based on engineering and/or audit findings.

(3) Supplemental payment.

Table 2. REALLOCATION ORDERS ISSUED IN 1970
BY THE DEPARTMENT OF WATER RESOURCES
(Continued)

(1) Reallocation Orders			Project	Amount of Claim	Claim Number
Number	Date	Amount			
Central District (continued)					
2-202	11-12-70	\$ 36,363.39	San Lorenzo River	\$ 58,493.68	SLR Final
2-203	11-20-70	23,887.47	Alameda Creek	23,887.47	ACC 70-1
2-204	11-20-70	24,495.01	Marsh-Kellogg Watershed	24,495.01	MKW 70-1
2-205	11-20-70	14,992.09	Corte Madera Creek	14,992.09	CMC 70-12
2-206	11-25-70	490.00	Russian River	490.00	RRM 70-1
2-207	11-25-70	12,713.68	Napa River Watershed	13,615.43	NRW 70-1
2-208	11-25-70	11,546.17	Corte Madera Creek	11,546.17	CMC 70-13
2-209	12-4-70	2,294.05	Corte Madera Creek	2,294.05	CMC 70-10
2-210	12-9-70	50,026.00	Corte Madera Creek	50,026.00	CMC 70-20
2-211	12-22-70	2,933.74	Duck Creek	5,830.26	SPDC 68-1
2-212	12-22-70	448.50	Mosher Creek Watershed	18,504.15	MCW 69-1
2-213	12-22-70	74,560.15(2)	Marsh-Kellogg Watershed	59,111.09	MKW 70-3
Southern District					
8-447	1-5-70	285,403.26	Los Angeles River	298,943.00	LAR 68-6
8-448	1-16-70	128,094.29	Los Angeles River	134,026.06	LAR 69-3
8-449	1-30-70	365,995.80	Los Angeles River	396,529.09	LAR 69-1
8-450	2-2-70	60,741.64	Los Angeles River	64,005.21	LAR 69-8
8-451	3-13-70	188,061.29	Los Angeles River	195,517.72	LAR 69-4
8-452	3-16-70	111,534.32	Los Angeles River	115,828.95	LAR 69-6
8-453	3-16-70	49,460.12	Los Angeles River	159,995.56	LAR 69-13
8-454	3-16-70	114,532.85	Los Angeles River	127,988.02	LAR 69-15
8-455	5-8-70	519,063.87	Los Angeles River	562,862.18	LAR 69-11
8-456	5-8-70	101,904.53	Los Angeles River	106,638.28	LAR 69-16
8-457	5-8-70	67,975.78	Oro Grande Wash	70,748.42	SPOG 69-1
8-458	5-18-70	38,514.00	Escondido Creek Watershed	40,800.00	ECW 70-1
8-459	6-1-70	68,109.08	Escondido Creek Watershed	70,309.18	ECW 69-1
8-460	6-1-70	121,243.66	Escondido Creek Watershed	144,446.67	ECW 69-2
8-461	6-17-70	326,454.15	Los Angeles River	338,550.63	LAR 69-12
8-462	8-7-70	77,034.17	Los Angeles River	86,010.17	LAR 69-19
8-463	8-10-70	77,125.53	Los Angeles River	79,125.53	LAR 69-20
8-464	8-17-70	26,334.37	Los Angeles River	31,828.90	LAR 69-10
8-465	9-11-70	92,231.14	Los Angeles River	92,702.91	LAR 69-18
8-466	10-13-70	301,233.44	Los Angeles River	438,230.95	LAR 69-21
8-467	10-9-70	35,384.16	Los Angeles River	35,600.46	LAR 70-3
8-468	10-9-70	79,963.02	Los Angeles River	94,453.52	LAR 69-17
8-469	11-27-70	59,752.94	Los Angeles River	60,414.26	LAR 70-5
8-470	11-27-70	94,682.46	Los Angeles River	180,129.83	LAR 70-1

- (1) Copies of orders are on file in the Department.
(2) Additional payment based on engineering and/or audit findings.
(3) Supplemental payment.

Table 3. SUMMARY OF FLOOD CONTROL EXPENDITURES BY
THE DEPARTMENT OF WATER RESOURCES 1946-1970

County and Project	Reallocation Orders Issued in 1970		Total Expenditures Since 1946 (\$1,000)
	Number	Amount	
<u>Alameda County</u>			
Alameda Creek MFCP(1)	5	\$ 325,056.80	\$11,368
San Lorenzo Creek MFCP	-	-	1,157
<u>Contra Costa County</u>			
Walnut Creek MFCP	4	715,867.69	6,016
Pinole Creek SFCP(2)	-	-	336
Rheem Creek SFCP	1	4.50	172
Rodeo Creek SFCP	-	-	520
Marsh-Kellogg WPP(3)	5	118,108.72	1,530
Walnut Creek WPP	2	25,691.57	1,014
<u>Del Norte County</u>			
Klamath River MFCP	9	448,052.00	678
<u>Humboldt County</u>			
Eel River at Sandy Prairie MFCP	-	-	126
Redwood Creek at Orick MFCP	1	21,618.08	449
Mad River at Blue Lake SFCP	-	-	17
<u>Lake County</u>			
Adobe Creek WPP	-	-	414
<u>Los Angeles County</u>			
Los Angeles River MFCP	20	3,094,987.35	60,438
Los Angeles River Watershed MFCP	-	-	6,377
<u>Marin County</u>			
Corte Madera Creek MFCP	19	412,725.03	2,844
Coyote Creek SFCP	-	-	889
<u>Mendocino County</u>			
Russian River MFCP	1	490.00	14
<u>Modoc County</u>			
North Fork Pit River at Alturas	4	66,883.83	288
<u>Monterey County</u>			
Pajaro River MFCP	-	-	276
<u>Napa County</u>			
Napa River WPP	1	12,713.68	322

- (1) Major Flood Control Project (a project specifically authorized by the Congress)
(2) Small Flood Control Project (a project authorized by the Army Chief of Engineers)
(3) Watershed Protection Project (a Department of Agriculture project)

Table 3. SUMMARY OF FLOOD CONTROL EXPENDITURES BY
THE DEPARTMENT OF WATER RESOURCES 1946-1970 (Continued)

County and Project	Reallocation Orders Issued in 1970		Total Expenditures Since 1946 (\$1,000)
	Number	Amount	
<u>Riverside County</u>			
Santa Ana River Basin MFCP	-	-	\$3,014
Tahchevah Creek MFCP	-	-	1,102
Banning Levee SFCP	-	-	14
<u>San Bernardino County</u>			
Santa Ana River Basin MFCP	-	-	3,169
City Creek SFCP	-	-	467
Oro Grande Wash SFCP	1	\$ 67,975.78	208
Quail Wash Levee SFCP	-	-	39
<u>San Diego County</u>			
San Diego River and Mission Bay MFCP	-	-	3,063
Buena Vista Creek WPP	-	-	799
Escondido Creek WPP	3	227,866.74	2,350
<u>San Joaquin County</u>			
Duck Creek SFCP	1	2,933.74	668
Mosher Creek WPP	1	448.50	25
<u>San Luis Obispo County</u>			
Arroyo Grande Creek WPP	-	-	80
<u>Santa Barbara County</u>			
Santa Barbara Streams MFCP	-	-	521
Santa Maria Levee MFCP	-	-	1,440
Santa Ynez River Watershed MFCP	-	-	427
<u>Santa Cruz County</u>			
Pajaro River MFCP	-	-	339
San Lorenzo River MFCP	1	36,363.39	2,449
<u>Solano County</u>			
Green Valley Creek SFCP	-	-	115
Ulati Creek WPP	8	139,209.88	2,117
<u>Sonoma County</u>			
Russian River MFCP	-	-	56
Central Sonoma WPP	2	86,910.66	3,026
<u>Trinity County</u>			
East Weaver Creek SFCP	-	-	215
<u>Ventura County</u>			
Santa Clara River MFCP	-	-	776
Ventura River Basin MFCP	-	-	359
Callegus Creek WPP	-	-	297
Totals	89	\$5,803,907.94	\$122,380

THIS BOOK IS DUE ON THE LAST DATE
STAMPED BELOW

BOOKS REQUESTED BY ANOTHER BORROWER
ARE SUBJECT TO RECALL AFTER ONE WEEK.
RENEWED BOOKS ARE SUBJECT TO
IMMEDIATE RECALL

U. H. U. DEC 8 1976

LIBRARY, UNIVERSITY OF CALIFORNIA, DAVIS

D4613 (12/76)



3 1175 00564 9135

